

## EAST Search History

| Ref # | Hits | Search Query                                                                                                                                                                                                                                                                                                   | DBs                                                                     | Default Operat or | Plura ls | Time Stamp       |
|-------|------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------|-------------------|----------|------------------|
| L1    | 44   | (("6005060") or ("5597876") or ("5334661") or ("6663969") or ("6761842") or ("5054891") or ("6451418") or ("6808798") or ("6652958") or ("4725462") or ("6014195") or ("6115014") or ("4647156") or ("5644415") or ("5897187") or ("5258456") or ("5334662") or ("5391651") or ("5266660") or ("4962160")).PN. | US-PGPU B;<br>USPAT;<br>USOCR;<br>EPO;<br>JPO;<br>DERWEN T;<br>IBM_TD B | OR                | OFF      | 2006/02/28 12:21 |
| L2    | 2    | us-20030194544-\$.did.                                                                                                                                                                                                                                                                                         | US-PGPU B;<br>USPAT;<br>USOCR;<br>EPO;<br>JPO;<br>DERWEN T;<br>IBM_TD B | OR                | ON       | 2006/02/28 12:23 |

(FILE 'HOME' ENTERED AT 13:48:49 ON 28 FEB 2006)

FILE 'CAPLUS' ENTERED AT 13:48:59 ON 28 FEB 2006

L1 1 S JP2001348488/PN  
L2 1 S JP2001172472/PN  
L3 1 S JP63120725/PN

FILE 'REGISTRY' ENTERED AT 13:53:27 ON 28 FEB 2006

L4 0 S EPOTECH(W)310  
L5 1 S EPOTECH?  
L6 48 S EPICLON(W)N(W)665  
L7 14 S EPICLON(W)N(W)665EXP  
L8 1 S TEREPHTHALYLIDENE(5W)AMINO(5W)METHYLPHENOL(W)DIGLYCIDYL?  
L9 1 S 199788-00-6/RN  
L10 1 S BIS(5W)AZA(3W)METHYL(3W)HYDROXYPHENYL(3W)VINYL(3W)PHENOXY(W)P  
L11 0 S 493005-35-4/RN  
L12 1 S 493005-06-4/RN  
L13 5 S DIHYDROXY(3W)METHYLSTILBENE(W)DIGLYCIDYL?  
L14 1 S 147024-91-7/RN

FILE 'CAPLUS' ENTERED AT 14:05:31 ON 28 FEB 2006

L15 31 S (410546-86-0# OR 199788-00-6# OR 693789-35-4# OR 133068-89-0#

FILE 'STNGUIDE' ENTERED AT 14:06:38 ON 28 FEB 2006

FILE 'CAPLUS' ENTERED AT 14:06:42 ON 28 FEB 2006

FILE 'STNGUIDE' ENTERED AT 14:06:47 ON 28 FEB 2006

FILE 'CAPLUS' ENTERED AT 14:23:52 ON 28 FEB 2006

S EP/PCT

FILE 'REGISTRY' ENTERED AT 14:23:56 ON 28 FEB 2006

L16 48290 S EP/PCT

FILE 'CAPLUS' ENTERED AT 14:23:57 ON 28 FEB 2006

L17 74004 S L16  
L18 178528 S (EPOX!###(W)RESIN#) OR DIEPOX!### OR POLYEPOX!### OR POLYGLYC  
L19 448 S (MESOGEN? OR (LIQUID(W)CRYSTAL####) OR MESOMORPH?)(5A)(L17 OR  
L20 60 S L19 AND (ORIENTATION# OR MAGNETIC)  
L21 57 S L19 AND (ORIENTATION# OR (MAGNETIC(W)FIELD#))  
L22 52 S L21 NOT L15

FILE 'STNGUIDE' ENTERED AT 14:26:52 ON 28 FEB 2006

FILE 'CAPLUS' ENTERED AT 14:26:58 ON 28 FEB 2006

FILE 'STNGUIDE' ENTERED AT 14:27:04 ON 28 FEB 2006

SET SMA OFF

FILE 'CAPLUS' ENTERED AT 14:34:24 ON 28 FEB 2006

SEL RAN.CAPLUS(5) L22 12

FILE 'STNGUIDE' ENTERED AT 14:35:29 ON 28 FEB 2006

RN 410546-86-0 REGISTRY  
ED Entered STN: 03 May 2002  
CN Benzenamine, 4,4'-(1,2-ethanediyl)bis-, polymer with [N(E),N'(E)]-N,N'-(1,4-phenylenedimethylidyne)bis[2-methyl-4-(oxiranylmethoxy)benzenamine] (9CI) (CA INDEX NAME)

OTHER NAMES:

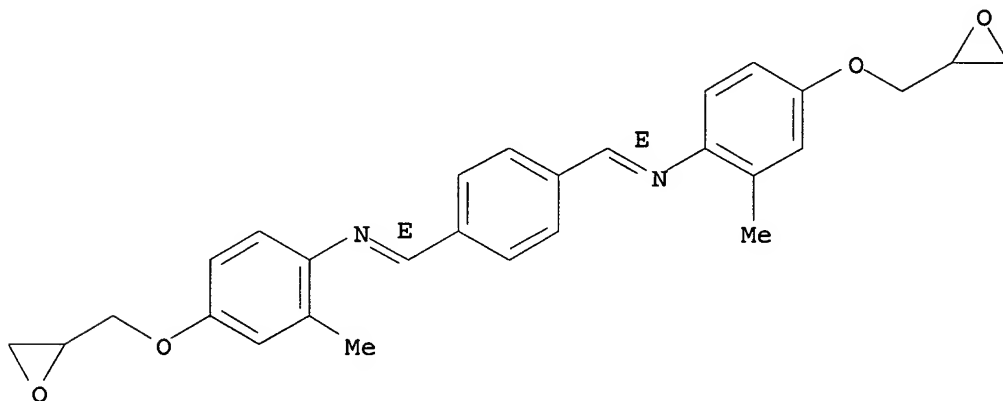
CN 4,4'-Diamino-1,2-diphenylethane-terephthalylidenebis(4-amino-3-methylphenol) diglycidyl ether copolymer  
CN 4,4'-Diaminodiphenylethane-terephthalylidenebis(4-amino-3-methylphenol) copolymer  
FS STEREOSEARCH  
MF (C28 H28 N2 O4 . C14 H16 N2)x  
CI PMS  
PCT Epoxy resin, Polyazomethine, Polyether, Polyother  
SR CA  
LC STN Files: CA, CAPLUS, USPATFULL

CM 1

CRN 199788-00-6  
CMF C28 H28 N2 O4

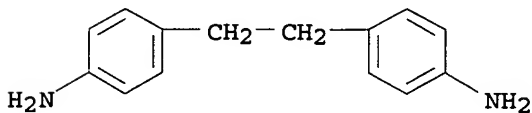
Double bond geometry as shown.

p. 20; Ex. 1



CM 2

CRN 621-95-4  
CMF C14 H16 N2

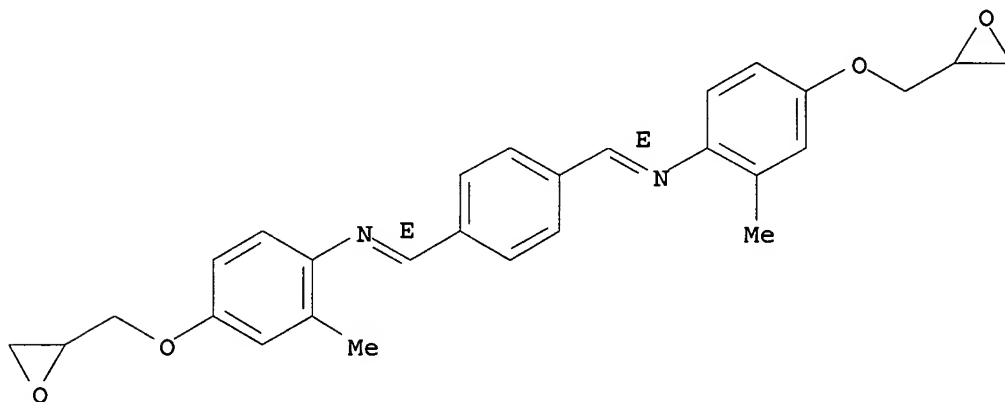


\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

9 REFERENCES IN FILE CA (1907 TO DATE)  
9 REFERENCES IN FILE CAPLUS (1907 TO DATE)

RN 199788-00-6 REGISTRY  
ED Entered STN: 15 Jan 1998  
CN Benzenamine, N,N'-(1,4-phenylenedimethyldiylidene)bis[2-methyl-4-(oxiranylmethoxy)-, [N(E),N'(E)]- (9CI) (CA INDEX NAME)  
OTHER CA INDEX NAMES:  
CN Benzenamine, N,N'-(1,4-phenylenedimethyldiylidene)bis[2-methyl-4-(oxiranylmethoxy)-, (E,E)-  
FS STEREOSEARCH  
MF C28 H28 N2 O4  
CI COM  
SR CA  
LC STN Files: CA, CAPLUS

Double bond geometry as shown.



\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

5 REFERENCES IN FILE CA (1907 TO DATE)  
5 REFERENCES IN FILE CAPLUS (1907 TO DATE)

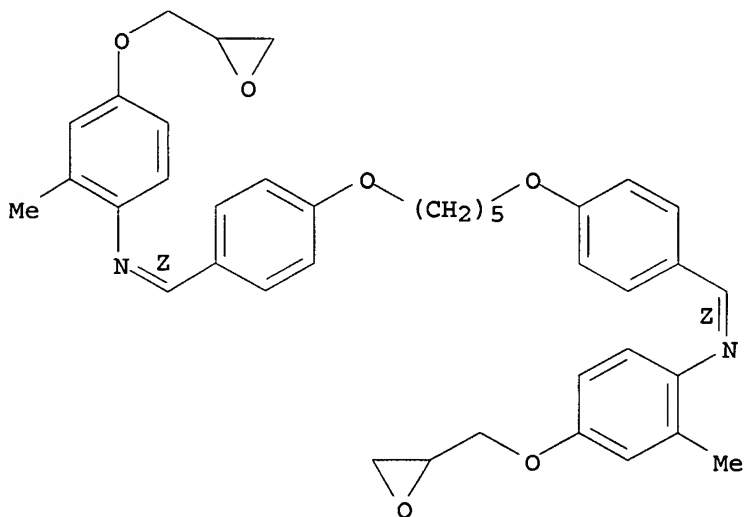
RN 693789-35-4 REGISTRY  
 ED Entered STN: 16 Jun 2004  
 CN Benzenamine, 4,4'-(1,2-ethanediyl)bis-, polymer with [N(Z),N'(Z)]-N,N'-  
 [1,5-pentanediyldis(oxy-4,1-phenylenemethyldiyl)]bis[2-methyl-4-  
 (oxiranylmethoxy)benzenamine] (9CI) (CA INDEX NAME)  
 OTHER NAMES:  
 CN 1,5-Bis[4-[2-aza-2-(methyl-4-hydroxyphenyl)vinyl]phenoxy]pentane  
 diglycidyl ether-4,4'-diamino-1,2-diphenylethane copolymer  
 FS STEREOSEARCH  
 MF (C39 H42 N2 O6 . C14 H16 N2)x  
 CI PMS  
 PCT Epoxy resin, Polyazomethine, Polyether, Polyether  
 SR CA  
 LC STN Files: CA, CAPLUS, USPATFULL

CM 1

CRN 493005-06-4  
 CMF C39 H42 N2 O6

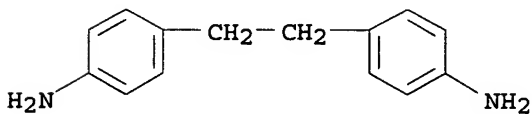
Double bond geometry as shown.

p. 21, Ex. 3



CM 2

CRN 621-95-4  
 CMF C14 H16 N2



4 REFERENCES IN FILE CA (1907 TO DATE)  
 4 REFERENCES IN FILE CAPLUS (1907 TO DATE)

RN 133068-89-0 REGISTRY  
ED Entered STN: 05 Apr 1991  
CN Benzenamine, 4,4'-methylenebis-, polymer with 2,2'-[(1-methyl-1,2-ethenediyl)bis(4,1-phenyleneoxymethylene)]bis[oxirane] (9CI) (CA INDEX NAME)

OTHER CA INDEX NAMES:

CN Oxirane, 2,2'-[(1-methyl-1,2-ethenediyl)bis(4,1-phenyleneoxymethylene)]bis-, polymer with 4,4'-methylenebis[benzenamine] (9CI)

OTHER NAMES:

CN 4,4'-Dihydroxy- $\alpha$ -methylstilbene diglycidyl ether-4,4'-methylenedianiline copolymer

CN 4,4'-Dihydroxy- $\alpha$ -methylstilbene diglycidyl ether-methylenedianiline copolymer

MF (C21 H22 O4 . C13 H14 N2)x

CI PMS

PCT Epoxy resin, Polyamine, Polyamine formed, Polyether, Polystyrene

SR CA

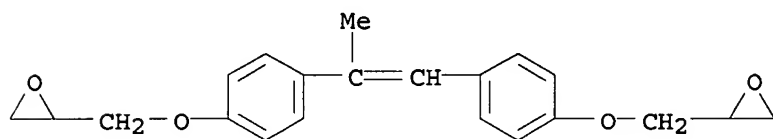
LC STN Files: CA, CAPLUS

CM 1

CRN 131090-75-0

CMF C21 H22 O4

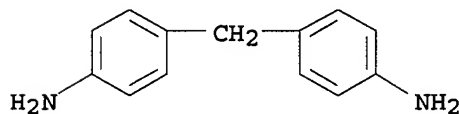
p. 21, Ex. 4



CM 2

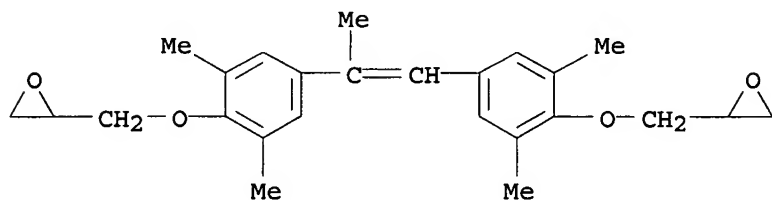
CRN 101-77-9

CMF C13 H14 N2



3 REFERENCES IN FILE CA (1907 TO DATE)  
3 REFERENCES IN FILE CAPLUS (1907 TO DATE)

RN '147024-91-7 REGISTRY  
ED Entered STN: 16 Apr 1993  
CN Oxirane, 2,2'-[([1-methyl-1,2-ethenediyl)bis[(2,6-dimethyl-4,1-phenylene)oxymethylene]]bis- (9CI) (CA INDEX NAME)  
FS 3D CONCORD  
MF C25 H30 O4  
CI COM  
SR CA  
LC STN Files: CA, CAPLUS, USPATFULL



\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

13 REFERENCES IN FILE CA (1907 TO DATE)  
13 REFERENCES IN FILE CAPLUS (1907 TO DATE)

RN 215601-61-9 REGISTRY  
ED Entered STN: 15 Dec 1998  
CN Oxirane, 2,2'-[(1-methyl-1,2-ethenediyl)bis[(2,6-dimethyl-4,1-phenylene)oxymethylene]]bis-, homopolymer (9CI) (CA INDEX NAME)

OTHER NAMES:

CN 4,4'-Dihydroxy-3,3',5,5'-tetramethyl- $\alpha$ -methylstilbene  
diglycidyl ether homopolymer

MF (C25 H30 O4)x

CI PMS

PCT Epoxy resin, Polyether, Polystyrene

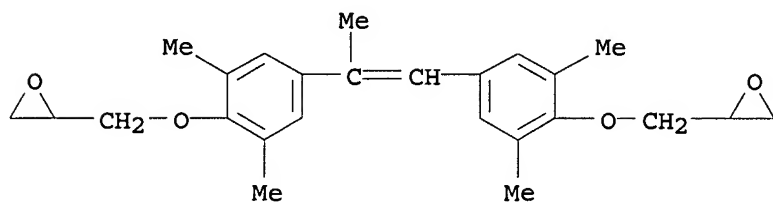
SR CA

LC STN Files: CA, CAPLUS

CM 1

CRN 147024-91-7

CMF C25 H30 O4



2 REFERENCES IN FILE CA (1907 TO DATE)

2 REFERENCES IN FILE CAPLUS (1907 TO DATE)